

## DRAFT

### AMENDMENT NO. 1 TO AGREEMENT FOR CONSULTATION AND OTHER SERVICES

This Amendment is entered into this \_\_\_\_ day of September, 2005, by and between the City of Milpitas, a municipal corporation of the State of California (hereafter referred to as "CITY") and West Yost & Associates (hereafter referred to as "CONSULTANT").

#### RECITALS

WHEREAS, the parties entered into an Agreement for professional engineering services for Main Sewage Pump Station Site Improvements, Project No. 6079, on August 14, 2003; and

WHEREAS, the parties desire to amend the Agreement to allow CONSULTANT to provide additional professional engineering and design services for Main Sewage Pump Station Site Improvements.

NOW THEREFORE, in consideration of the mutual covenants and conditions herein contained, the parties agree to amend the Agreement as follows:

1. The first sentence in Subsection 1.1, entitled "Term of Services" is amended to read:

"The term of this Agreement shall begin on the date first noted above and shall end on December 31, 2006, and Consultant shall complete all the work described in Exhibits A and AM1-A prior to that date, unless the term of the Agreement is otherwise terminated or extended as provided for in Section 8."
2. Section 1, entitled "Services", is amended by adding Exhibit "AM1-A", which is attached hereto and incorporated by reference herein.
- 3a. Section 2, entitled "Compensation", is amended to add Exhibit "AM1-A", which is attached hereto and incorporated by reference herein.
- 3b. Section 2 is amended by adding the following to the end of the Section:

"The compensation for the services set forth in Exhibit "AM1-A" is a "not to exceed" amount. The total maximum amount of compensation to be added to the Agreement to complete tasks outlined in Exhibit "AM1-A" shall be \$167,200.00."
- 3c. Section 2 is amended by adding the following language to the end of the first sentence of the first paragraph:

"... for work identified in Exhibit A. The total for all services to be performed and reimbursable costs incurred under this Agreement shall not exceed \$145,000 approved as part of the original Agreement plus an additional fee not to exceed \$167,200 to complete the amended scope of work as identified in Exhibit AM1-A."

3d. Section 2.5, first sentence, is amended to read as follows:

"Reimbursable expenses are shown on Exhibit AM1-B, and shall not exceed \$\_\_\_\_\_ for such expenses incurred under this Agreement."

3e. Exhibit B, the billing rate schedule, is superseded by new "Exhibit AM1-B", which is attached hereto and incorporated by reference herein.

4. The Consultant agrees to maintain and pay for all insurance policies as stated in Section 4, entitled "Insurance Requirements" of the Agreement dated August 14, 2003, between West Yost & Associates and the City of Milpitas. The Consultant shall provide the City with renewal certificates of the current policies upon the expiration of the current policy.

5. All other provisions of the Agreement shall remain in full force and effect.

This Amendment is executed as of the date written above.

APPROVED BY:

CITY OF MILPITAS

CONSULTANT  
West Yost & Associates

\_\_\_\_\_  
City Engineer as to content

\_\_\_\_\_  
City Attorney as to Form

\_\_\_\_\_  
City Manager

ATTESTED BY:

\_\_\_\_\_  
City Clerk

Agreement for Consultation,  
City of Milpitas and West Yost & Associates

Amendment No. 1

# DRAFT

## EXHIBIT AM1-A

### Scope of Services

#### PROJECT SCOPE

##### General

The City of Milpitas (City) currently owns a parcel of land at 1425 North McCarthy Boulevard that is southwest of the intersection of McCarthy Boulevard and Dixon Landing Road. This site was once the location of the City's sewage treatment plant and is now the location of the City's Main Sewage Pump Station. The City plans to convert inactive portions of the site into a new corporation yard. West Yost & Associates (WYA) prepared plans for Phase I of the corporation yard project, the demolition of the old sewage treatment plant. WYA subsequently prepared an interim paving and lighting plan. The scope herein will provide design services for the next phase of improvements to install corporation yard facilities. These improvements include:

- A modular operations/office building
- Utility extensions to the new modular operations building including upgrades to onsite power and telephone/communications services
- A canopy-covered outdoor work area/parking area
- Additional site paving including two new driveways from McCarthy Boulevard and construction of a left turn pocket in the existing median in McCarthy Boulevard.
- Site lighting
- Storm drainage improvements including elements to meet C-3 runoff requirements
- Landscaping and site fencing

WYA shall perform professional services related to the pre-design and site planning, schematic design, construction documents, bidding and award of a construction contract. WYA shall prepare, and periodically update, project schedules for the City's review which ensure completion of bid documents in accordance with the City's completion date in spring 2006. The schedules shall identify milestones, dates for decisions required of the City, dates of reviews and approvals required by any agencies that may have jurisdiction over the project, deliverables to be furnished by WYA, completion of documentation, commencement of construction and substantial completion of the work. The schedules shall include adequate time for City review.

WYA shall meet with involved agencies including the City Building, Fire, and Public Works Departments, during the design process in order to review applicable local and state codes and to review and discuss plan review comments. WYA shall make any and all revisions to the plans and provide all submittals to the City as required by the City Chief Building Official, and Fire Marshal as applicable, in order for the City to issue the required building permits and occupancy/use permits upon completion of construction.

All work shall be done in an electronic format, appropriate to the work product, including (AutoCAD) drawings, plans, elevations, sections, diagrams, details, etc., (Word) specifications, reports, (Excel) spreadsheets, (Project) schedules, and other appropriate digital electronic formats. Each submittal shall include the digital electronic information on CD, including all files, symbols, libraries, fonts or other information needed to view and print the digital data, as well as a hard (Mylar or paper) copy.

## **PROJECT TEAM**

West Yost & Associates (WYA), with Mary Young as lead, and Cynthia Easton Architects as a primary subconsultant, together with mechanical, electrical and structural engineering subconsultants and landscape subconsultant, will compose the design team. A geotechnical report was previously prepared for the site by Lowney Associates, and geotechnical support will be provided under separate contract. WYA will be the Civil Engineer of Record and will organize the project and manage the design team from the beginning of the project through the completion of design, bidding and award of a construction contract.

## **SERVICES**

### **Task 1: Preliminary and Conceptual Design**

#### **1.1 Submit and confirm site plan for current and future improvements**

WYA will submit preliminary designs to the City of Milpitas for confirmation. WYA will submit a site plan for the corporation yard, based on the Preliminary Layout Corporation Yard Master Plan previously prepared and incorporating requested revisions. The plan will show the improvements to be constructed with this phase of the project and a program/conceptual layout for potential future improvements. Upon receiving comments from the City, WYA will submit one revised Corporation Yard Master Plan.

#### **1.2 Submit and confirm program for operations building**

The program for the Operations Building will be confirmed during this task and its square footage. WYA will submit a program for the modular operations/office building for review and confirmation by City, together with a conceptual cost based on square footage and program elements. Anticipated program elements include:

- Offices
- Admin. room or area/copy area
- Conference/gathering area
- Kitchenette
- Restrooms and shower
- Janitor closet
- Mechanical/electrical room
- Storage/closets/lockers
- Corridors as needed
- Possible lab area & eyewash
- Possible boot rack/wet area space
- Exterior ramp (ADA compliant)
- Exterior deck with stairs
- Awning/canopy at entry

**1.3 Confirm design criteria and requirements**

WYA will confer with the City's project representatives to review and confirm the criteria for the project and to identify key issues relative to the site design objectives, vehicular circulation, driveway and parking requirements, design parameters, security and safety provisions, CEQA/environmental requirements, Santa Clara Valley Water District (SCVWD) requirements, architectural character, coordination with construction of other nearby projects, budget and schedule. WYA will propose lighting and illumination criteria. WYA will identify/document fire protection requirements, key building code requirements, Title 24 and ADA aspects as applicable, seismic considerations, and C3 stormwater treatment requirements.

**1.4 Review existing data and make site visit**

Review all existing project-related data, including available topographic and utility data, geotechnical data, hazardous material studies, and development criteria identified in "McCarthy Ranch Design Guidelines and Development Standards" adopted March 2000.

**1.5 Update topographic survey for base sheets**

WYA prepared a topographic survey of the site after demolition of the treatment plant facilities was completed. Conduce additional site surveying to provide as-built elevations of the recently constructed interim paving and lighting system (approximately one day of survey crew work anticipated).

**1.6 Identify and secure any other data/info needed to proceed with design work**

Such data may include plans for adjacent work at pump station, depths of existing utilities, or other info.

**1.7 Provide two concepts for modular operations building and covered work area and present to City**

WYA/Cynthia Easton Architects will develop two concepts [schemes] for the modular building and two concepts for the canopy over the covered work area. Consultant team will develop exterior elevations and floor plans of both schemes and comparative costs. Consultant team will develop concept(s) for walkways, ramp and stairs to building, and decking for building. Consultant will confirm that concepts are consistent with Building Code [conduct a Building Code Study] and with McCarthy Ranch Design Guidelines and Development Standards to the extent applicable, then submit for City review. Provide information indicating proposed materials, finishes, and quality of operations building and canopy. Consultant will present the concepts to City staff. The City will select a preferred scheme for each and request revisions to the preferred scheme. Consultant will submit revised preferred schemes for the for City approval as the preferred conceptual design.

**1.8 Provide alternative concepts as needed for C3 treatment**

Develop alternatives, if needed, to address C3 stormwater treatment requirements on site in a manner that is cost effective, space efficient, and minimizes long-term maintenance efforts, and provide conceptual cost(s).

**1.9 Deliverables**

- Site Plan (master plan) with current and future elements
- Revised Site Plan

- Program for Operations Building
- Project/design requirements
- Updated topographical map
- 2 modular building concepts including exterior elevations, floor plans and comparative costs
- Concept(s) for walkways, building ramp and stairs, building deck
- 2 canopy concepts including elevations and comparative costs
- Revised preferred concept for building and canopy
- Alternatives as needed for onsite C3 stormwater treatment with conceptual costs

## **Task 2: Construction Documents - Prepare Plans, Specifications and Estimates**

### **2.1 General:**

WYA and its subconsultants will prepare plans, specifications, and construction cost estimates for corporation yard improvements. Submittals at 35, 65 and 95 percent complete design for City review. Submittals will include plans, specifications and cost estimates. Consultant team will meet with the City to review and discuss comments. Applicable City comments will be incorporated, and a camera ready set of the 100% plans and technical specifications will be provided to the City for advertising and bidding purposes. City will provide "front end"/boilerplate documents in Word format. WYA will coordinate design work to be compatible with the New Pump Station project being designed concurrently on the same site, and any other projects that may affect the site.

### **2.2 Scope of Improvements:**

Plans and specifications will be developed for the following improvements:

- Grading, Paving and Drainage – New paving will be designed at two new driveways, parking areas, storage areas, and internal circulation routes shown on the Preliminary Layout Corporation Yard Master Plan (Master Plan) submitted April 2005. Paving for the bin storage areas may also be included, as directed by the City. Improvements will be required to construct a left turn lane in the existing McCarthy Boulevard median at one of the new driveways. A storm drain system will be designed to provide complete site drainage for all improvements north of the vaults and pump station building. Landscape swales will be designed to help meet C-3 runoff requirements.
- Landscaping – Landscaping will be designed for the west perimeter of the site (anticipated at approx. 12 ft. width), the north end of the site (anticipated at approx. 15+ ft. width), a landscape strip between the corporation yard and McCarthy Boulevard (anticipated at approx. 27 ft. width) and an expected three interior landscape swales (anticipated at approx. 10 ft). WYA will contract with a subconsultant as acceptable to City for the design of planting and irrigation in these areas. The landscape plan will accommodate recycled water, meet the South Bay Water Recycling submittal requirements and comply with the City of Milpitas water use efficiency requirements. The plant palette will consider the South Bay Water Recycling agency approved plant list and other species that are compatible with recycled water. The planting and irrigation designs will be appropriate for poor site soil conditions, including high clay content, slow draining soil and a high water table. The City of Milpitas will provide soils fertility tests. The landscape plan will be low maintenance, water conserving and incorporate vegetated swales that assist in meeting C3 stormwater requirements.

- **Modular Office Building** – A new modular building will be constructed. Cynthia Easton Architects will design the building, under subcontract to WYA. The building will be approximately 1300-2700 square feet, depending on the final program selected. Building design will be based on the selected conceptual design from Task 1. The design assumes the building foundation will be a conventional slab and pad with subsurface ground improvements.
- **Fencing** – New fencing and gates will be designed around the perimeter of the new corporation yard site. At least two fencing designs shall be submitted, including one high-security alternative. Fencing upgrades may be included, at City option, as a bid alternate item with reduced/less expensive fencing as a base bid item. One or both of the driveway gates will be an automated rolling gate or similar. Driveway gates shall include alarm/security connections as required by City.
- **Covered Work Area** – A concrete pad similar in extent to the one on the Master Plan will be designed. A canopy will shelter the pad to provide a shaded work area. Cynthia Easton Architects under subcontract to WYA will design the canopy, based on the selected conceptual design from Task 1.
- **Pad for Shipping Containers** – a stable pad will be constructed to accommodate 3-5 shipping containers already located on the site. The pad may be concrete, compacted aggregate base, or other material as acceptable to the City and within budget. Existing on site shipping containers will be moved to the new pad.
- **Electrical and telecom site work** – Power and telecom/data/internet access services will be extended to the new building, and outdoor lighting will be provided on site. ATEEM Electrical Engineering under subcontract to WYA will provide site electrical, lighting and communications engineering. City staff (Information Services and Public Works/Engineering) will provide background re. City requirements for telecom/data/internet and available City telecom/wireless infrastructure.
- **Other Utilities** – Sewer, water service, and alarm/security system will be provided to/extended to the new building.
- **Alternate Bid Items** – Up to four alternate bid items will be included in the design documents. Alternate bid items may include high security fencing, additional paving or covered parking, or other elements.

Other improvements shown on the Master Plan including storage bins, wash rack, fuel island, indoor storage, nursery and outdoor parks storage will not be included in this project. Improvements shown south of the fence dividing the corporation yard from the sewage pump station will not be included in this project.

### **2.3 Drawings for Plan Set**

The plans are expected to include the following drawings:

- Title Sheet and Project Location Map
- General Notes and Legend
- Site Grading and Paving Plan
- Site Utility Plan (storm drainage, sanitary sewer, potable water, overhead and underground services)
- McCarthy Boulevard Median Plan and driveways

- Paving and Fencing Details
- Site Electrical Drawings (multiple sheets, includes lighting and communications)
- Architectural, Structural and Electrical Plans for Modular Building (multiple sheets)
- Architectural and Structural Plans for Canopy (multiple sheets)
- Landscaping Plans (multiple sheets)

**Task 2A: 35% Design**

- 2A.1** Provide 35% complete plans, specifications (12 copies each) and cost estimate (8 copies). Provide one unbound reproducible set of each.
- 2A.2** Provide narrative descriptions of building systems and architectural elements, proposed materials and finishes for the operations building, draft planting palette and other elements.
- 2A.3** **Incorporate geotechnical recommendations into foundation and paving designs**  
Review existing geotechnical report and subsequent soil borings/ geotechnical findings. Incorporate geotechnical recommendations into the design of the foundations for the operations building; the canopy-covered work area; concrete and asphalt paving; and any significant footings such as for light poles or tall fence posts.
- 2A.4** **Conduct code compliance review**  
Consultant shall confirm design compliance with applicable code, including but not limited to Building Code, electrical, mechanical, plumbing, fire protection, energy efficiency, accessibility and other aspects.
- 2A.5** **Identify recommended Bid Alternate items**  
Consultant is responsible for proposing a base scope that falls within project construction budget. Non-critical elements that may exceed the budget are to be designed and included as bid alternate items.
- 2A.6** **Attend meeting**  
Attend a technical project meeting with Public Works, Building, Fire, Police, Information Services, Planning, and/or Engineering department staff to discuss project elements and City input.
- 2A.7** **Respond to input by City staff and involved agencies**  
Review and respond to comments provided by the City and other agencies.
- 2A.8** **Deliverables:**
- 35% draft specifications
  - 35% plans including
    - Site Plan
    - Grading and Paving plan including parking layout
    - McCarthy Blvd. driveway/median plan
    - Storm drainage system and C3 layout/elements
    - Electrical system and lighting layout, including data/telecom and security
    - Utility system layouts and components
    - Building floor plans
    - Building elevations and typical section



- Building materials and finishes
- Foundation plans
- Mechanical and equipment plans/info
- Landscape plans and layout including irrigation and plantings
- Typical construction details
- Narrative information re. building systems; cut sheets as available
- Energy Efficiency compliance/Title 24 data
- Estimated construction cost and schedule
- Response to review comments

**Task 2B: 65% Design**

**2B.1 Incorporate comments from 35% submittal.**

**2B.2 Provide documentation** as required for permit applications and regulatory approvals.

Provide documentation as appropriate confirming compliance with requirements of SCVWD, South Bay Water Recycling, City water use efficiency, CEQA, Building Code, Title 24, ADA, C3 stormwater treatment, and other agencies, codes and standards as applicable.

**2B.3 Revise foundation and paving designs** to respond to geotechnical review/input.

**2B.4 Provide 65% complete submittal** of plans and specifications (12 copies each). Provide one unbound reproducible set of each. Submittal to include but not be limited to:

- 65% Plans, including items noted at 35%
- Complete draft specifications
- Engineering calculations for engineered structures
- All details
- Bid schedule
- Catalog cuts and product literature as applicable
- Written narrative describing components, materials, finishes, colors, landscaping, custom features if any, and major project elements.
- Energy Efficiency compliance/Title 24 data
- Estimated construction schedule
- Response to review comments

**2B.5 Prepare updated cost estimate** and submit 8 copies.

If the cost estimate exceeds the construction budget previously approved by City, the Consultant shall explain the increase and submit a list of proposed modifications and/or bid alternates to bring the cost within budget. Such modifications, if approved by City, shall be incorporated into the construction documents at no additional expense to City.

**2B.6 Attend meeting**

Attend and participate in a technical project meeting, stakeholder or agency meeting, public presentation or other meeting as requested by City.

**2B.7 Deliverables:**

- 65% plans and specifications
- Calculations

- Construction schedule
- Cost estimate

**Task 2C: 95% Design**

**2C.1 Respond to 65% review comments**

**2C.2 Conduct a quality assurance review** of the submittal package prior to submitting to City.

**2C.3 Provide 95% complete submittal** of plans, specifications (12 copies each) and cost estimate (8 copies). Provide one high-quality unbound reproducible set of plan sheets at 100% and 50% reduced sizes, a high-quality reproducible set of specifications, and electronic files in Microsoft Word and AutoCAD format.

95% plans shall be complete, fully detailed and comprehensively specified information, sufficient for construction and achievement of a high quality project within the constraints of public agency [low bid] construction work. The construction documents shall be complete enough for signature by a person licensed to practice engineering, architecture and/or landscape architecture in the State of California, who will assume responsibility for the design. Documents shall be suitable for permitting by the Building Department and any regulatory bodies.

**2C.4 95% Submittal** shall include but not be limited to:

- Final plans for grading, paving drainage, electrical/telecom/security, drainage, utilities, architecture, landscaping and irrigation
- Complete construction details
- Calculations for engineered structures, drainage system, energy efficiency as applicable
- Complete specifications, including general and special provisions, all City standard boilerplate, complete bid schedule, and all applicable requirements of involved permitting agencies/regulatory bodies/code/jurisdictions incorporated
- Construction schedule (include estimated number of working days)
- Estimated construction cost and schedule
- Written response to previous review comments

**2C.5 Prepare final cost estimate** and submit 8 copies, with final quantities and engineer's estimate.

If the cost estimate exceeds the construction budget previously approved by City, work with City staff to modify the proposed improvements as necessary to bring the cost within budget and/or revise the construction documents to allow bidding the desired improvements as bid alternates. Modifications needed due to a cost estimate which exceeds the budget shall be implemented at not additional expense to the City.

**2C.6 Prepare a Notice of Intent** for the project, for submittal to the State Water Resources Control Board.

**2C.7 Attend meeting**

Attend and participate in a technical project meeting, stakeholder or agency meeting, public presentation or other meeting as requested by City.

**2C.8 Deliverables:**

- 95% plan and specifications submittal
- Calculations
- Construction cost estimate

- Construction schedule
- Written response to review comments
- Notice of Intent

**Task 2D: 100% Design/Bid Documents**

**2D.1 Respond to 95% review comments**

100% documents are to incorporate revisions to plans and specifications as requested by City, regulatory and permitting bodies. Provide written response to review comments received on 95% submittal.

**2D.2 Provide 100% complete submittal**

Submittal shall include 100% plans, specifications (8 copies each) and bid cost estimate and updated construction schedule (4 copies). Provide two unbound, high-quality, camera-ready, wet-signed reproducible sets of each. Provide one unbound reproducible set of plans at 50% reduced size. Provide plans in electronic AutoCAD format in a version acceptable to the City, and specifications in electronic Word format. 100% plans shall be complete, suitable for signature and bidding, fully detailed and comprehensively specified information, sufficient for construction and achievement of a high quality project within the constraints of public agency [low bid] construction work. The construction documents [plans and specifications] shall be wet-signed by a person licensed to practice engineering, architecture and/or landscape architecture in the State of California, who will assume responsibility for the design.

**2D.3 Respond to 100% comments**

Review any comments on the 100% plans and revise construction documents as appropriate to incorporate City and agency comments. Re-submit any revised portions of the plans, specifications, or cost estimate to provide complete, updated Bid Documents suitable for bidding.

**2D.4 Deliverables:**

- 100% plan and specifications submittal with calculations
- Bid cost estimate
- Construction schedule
- Written response to review comments
- Revised 100% documents/finalized Bid Documents as needed

**Task 3: Bidding Support**

**3.1 Bidding Support Tasks**

During the bidding period, WYA and its subconsultants will be available to respond to contractor telephone and written inquiries, and provide services noted below.

- Review invitation for bids
- Review bidders list
- Attend one pre-bid meeting (WYA)
- Prepare required addenda as required
- Prepare required clarifications as required
- Assist City in bid analysis
- Prepare conformed Plans and Specifications

### **3.2 Deliverables:**

- Clarifications as required
- Addenda as required
- Conformed Plans and Specifications

### **Future Task: Construction Administration (Additional Service, Not in Contract)**

#### **1) Tasks**

- Attend pre-construction meeting
- Attend construction progress meetings, prepare meeting minutes
- Process submittals and shop drawings
- Respond to RFIs and provide clarifications as needed
- Review contractor submittals for conformance with project requirements
- Provide site observation reports and preliminary and final punch lists
- Assist in project close-out; review final payment request, issue Certificate of Substantial Completion
- Create record drawings from As-Built Drawings submitted by Contractor
- Provide site observation reports and input to City for preliminary and final punch lists

#### **2) Deliverables**

- Reviewed shop drawings and submittals
- Clarifications
- Site observation reports
- Input for preliminary and final punch lists
- Compiled certifications, O&M documents & warranties
- Record drawings

### **CITY SUPPORT**

During the Consultants' design and construction services, the following items will be the responsibilities of the City:

- Schedule presentations to stakeholders, City management, and City Council, with consultant support/participation as required;
- Provide record drawings of existing or project facilities (when available);
- Provide CEQA environmental clearance (mitigated negative declaration was previously adopted);
- Provide construction contract boilerplate (front-end), in Microsoft Word format to Consultant;
- Review, comment and accept PS & E submittals from Consultant;
- Print and provide construction contractors with copies of bid documents (Plans and Specifications) for advertising & bidding;

Project No.: 6079

Project Name: Main Sewage Pump Station Site Improvements

- Advertise and award construction contracts;
- Conduct construction administration and inspection of projects

### **ADDITIONAL SERVICES**

The following services, when approved in writing by the City, shall be considered work beyond the scope of services outlined above and will be billed on an hourly basis as an additional service:

- Work resulting from changes in scope or magnitude of the project from changes requested and/or authorized by the City after the Consultant's work has been previously approved by the City.
- Additional services caused by schedule delays or interruptions.
- Special hearings, presentations or community workshops required to secure Project approval, beyond attendance at the meetings identified in the base scope.
- Storm Water Pollution Prevention Plan (SWPPP) (normally prepared by the Contractor).
- Services relating to contaminated soil or other hazardous material remediation/abatement activities.
- Geotechnical consulting services during design and construction.
- Changes required by the enactment or revision of codes, laws or regulations subsequent to the preparation of such documents; provided that Architect should not have known of such forthcoming revisions to such codes, laws or regulations as a result of generally available notices or publicity.
- Consulting services for during construction, project close-out and warranty period.

### **COMPENSATION**

Based on work scope and level of effort defined herein, WYA proposes the following budget to perform the Scope of Services described in Tasks 1 through 3:

<b>Task No.</b>	<b>Description</b>	<b>Budget</b>
1	Preliminary & Conceptual Design	\$27,700.00
2	Construction Documents	\$134,200.00
3	Bidding Support	\$4,300.00

The budget noted above includes an allowance for anticipated reimbursable expenses. Any additional services not included in the Scope of Services described herein will be performed only upon receiving written authorization and a corresponding budget increase approval from the City.



# EXHIBIT AMI-B

## WEST YOST & ASSOCIATES

### 2005 Billing Rate Schedule

(Effective January 8, 2005 through December 31, 2005)\*

Position	Labor Charges, dollars per hour
Principal	175
Vice President	165
Engineering Manager	155
Principal Engineer/Scientist	143
Senior Engineer/Scientist	128
Associate Engineer/Scientist	114
GIS Analyst	114
Engineer II/Scientist II	103
Engineer I/Scientist I	90
Construction Manager II	118
Construction Manager I	108
Resident Inspector III	101
Resident Inspector II	90
Resident Inspector I	78
Sr. Designer/Sr. CAD Operator	87
Designer/CAD Operator	78
Technical Specialist II	74
Technical Specialist I	65
Engineering Aide	50
Administrative IV	60
Administrative III	53
Administrative II	48
Administrative I	45

Outside Services such as vendor reproductions, prints, shipping, and major WYA reproduction efforts, as well as Engineering Supplies, Travel, etc. will be billed at actual cost plus 15%.

Direct Costs including general computers, system charges, telephone, fax, routine in-house copies/prints, postage, miscellaneous supplies, and other incidental project expenses will be billed at 4% of WYA labor charges.

Mileage will be billed at \$0.41 per mile.

Subconsultants will be billed at actual cost plus 10%.

Computers are billed at \$25 per hour for specialty models and AutoCAD.

Billing rates apply to all computers and equipment, whether owned or rented by WYA, and to all employment categories including regular full-time, part-time, limited term and contract personnel as defined in WYA's Employee Handbook.

\*This schedule will be updated annually



# EXHIBIT AMI-B

## WEST YOST & ASSOCIATES

### 2005 Billing Rate Schedule

(Cont'd...)

(Effective January 8, 2005 through December 31, 2005)\*

#### SURVEYING AND EQUIPMENT CHARGES

Position	Labor Charges, dollars per hour
Survey Crew, 2-Person	180
GPS, 1-Person	173
GPS, 2-Person	216
GPS, 3-Person	260

#### EQUIPMENT CHARGES

Equipment	Billing Rate, dollars per day	Billing Rate, dollars per week
DO Meter	15	67
pH Meter	5	21
Automatic Sampler	108	541
Transducer/Data Logger	36	165
Hydrant Pressure Gage	10	41
Hydrant Pressure Recorder (HPR)	—	165
Hydrant Wrench	5	26
Pitot Diffuser	26	108
Well Sounder	26	108
Ultrasonic Flow Meter	—	216
Velocity Meter	10	—
Water Quality Multimeter	155	773
Thickness Gage	—	57

\*This schedule will be updated annually